Original/Duplicate/Triplicate

Final Bill

P.W.G. 17 1st and ~~Part~~ Bill

CONTRACT CERTIFICATE

Reference paras

NO

Division Dasarahalli

Sub division Shettyhalli

Date

Bills received No

Date

Sub-divisional

Cash book vr No

Divisional

Date

Head of account P3727

Sheduled Docket No

Name of work(as per sanctioned estimate)

NAME OF WORK : Construction of CC roads and other works at Chikkasandra colony in Ward No.12, Shettyhalli Sub Division, Ward No.12-Shettyhalli

Work Code: 012-20-000010

Name of contractor and full address :-

KRIDL

Reference to agreement No :- /19-20

Estimated cost : 99.00 Lakhs

Work order No : EE/DD/WO/ /19-20

Dated.18/01/2020

20/5, 23/5 31/5, 2/6 8/6, 16/6, 17/6, 5/7-21

Certified that the measurments were taken by me on 16-12-2020 and recorded on pages 490732 to 490733 of measurment book No. 4908/16-17 and the work is satisfactorily executed by the contractor.

Signature of contractor

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISON
BENGALURU-560 010

Officer in Charge of Work

Certified that the measurments were taken by me on 16.12.20 and recorded correct.The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of account II have been actualy brought to site of work and the contractor has not previously received any advance on this security. These materials are of any imperishable nature and are all required by the contractor for immidiate use on the work in connection with items for which rates finished work have been agreed upon.A formal agreement signed and executed by the contractor is recorded in divisional office.

Sub-divisional officer

II MEMORANDUM OF PAYMENT

1) Total value of work done or supplies as per A/c within
2) Deduct amount to be held in reserve being-----percent Rs----------%--------
3)
4) **Deduct payments**

a) Amount of previous payment as in divisional/sub divisional cash book vr No----------dated----------S.D No----------Amount adjusted towards cash advance recovery of

b) Cost of payments/stores or other materials supplied now made recovery of
Amount paid on this bill by cheque/cash

Total

5). Balance being unpaid value of work done held in reserve
6) Deduct cash of advance made on divisional/sub divisional cash book
7) Net amount due to or from contractor.

UN ADJUSTED ITEMS

8) Advance to contractor for materials to site(as detailed within)
9) Value of government materials supplied.

TOTAL AMOUNT UN-ADJUSTED

Balance	
1st and Final Bill →	9767569=00
IT →	195351=00
Lcess →	9767=00
CBF →	9768=00
Roy →	165183=00
FSD →	188278=00
CGST →	87210=00
SGST →	87210=00
Fine →	12780=00
Net →	8624013=00

(-) 1143556=

Contractor's signatures

Received Rs----------(in words)----------

For use in the Executive Engineer's office----------

of payment as per memorandum
(in final settlement of all demand)

Witness
1)
2)

Dated signature of contractor

paid by me cheque No dated

Cash Rs.....

Date Initials of officer making payment

EXECUTIVE ENGINEER-4
KRIDL, BBMP DIVISON
BENGALURU-560 010

Reciept Stamp

Audited and admitted for Rs. 9767569=00

Passed by Cheque for Rs. 8624013=00

(Eighty Six Lakh Twenty Four Thousand Thirteen only)

by adjustment 1143556=00

Date Superintendent Executive Engineer

Exe. Engineer
Division

Sl. No	Items of Work (grouped under sub headsthe sub works of the estimate)	Unit	Rate	Previous Measurement		Present Measurement		Total Up to date	
				Qty	Cost	Qty	Amount	Qty	Cost
1	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. II. By Mechanical Means. A. Cement Concrete Grade M-15 &M-20.	Cum	413.40	-	-	160.23	66239.00	160.23	66239.00
2	Removing B.S.slab of drain and stacking.	Sqm	104.94	-	-	531.05	55728.00	531.05	55728.00
3	Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications.	Cum	137.80	-	-	728.21	100347.00	728.21	100347.00
4	Providing and laying in position plain cement concrete of Mix 1:3:6 with OPC @ 220kgs, with 20mm and down size graded granite metal coarse aggregates @0.69 cum and fine aggregtes @ 0.56cum, machine mixed, concrete laid in layers not exceeding 15 ems. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications.	Cum	5714.97	-	-	132.36	756433.00	132.36	756433.00
5	Providing and laying Design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.7 cum and fine aggregates @ 0.47 cum, with superplastisiser @ 3lts confirming to IS9103-1999 Reaffirmed-2008. i) Upto 5 m height.	Cum	5775.37	-	-	225.22	1300729.00	225.22	1300729.00
6	Providing T.M.T. steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per disign (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specification. MORTH Specification No.1600 & 2200 -do- TMT Bars Fe 500	Tonne	72326.98	-	-	13.53	978584.00	13.53	978584.00
7	Providing and fixing Precast RCC cover slabs of 100 mm thick for drain in cement concrete 1:1.5:3 using graded granite jelly 20mm and down size with steel reinforcement and pointing for joints 1:3 cement mortor including form work, lift charges , curing and concrtee finished surface on both sides etc, and complete as per the directions of Enginner in charges.	Sqm	1615.00	-	-	642.69	1037944.00	642.69	1037944.00

Sl No	Items of Work (grouped under sub headsthe sub works of the estimate)	Unit	Rate	Previous Measurement		Present Measurement		Total Up to date	
				Qty	Cost	Qty	Amount	Qty	Cost
8	Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials stacking serviceable and unserviceable materials separately complete as per specifications.	Cum	952.94	-	-	194.12	184985.00	194.12	184985.00
9	Scarifying kankar / gravel / metal crust by mechanical means upto 150mm thick, disposal of stuff including cost of all labour charges, HOM complete as per specifications.	Sqm	25.44	-	-	1941.20	49384.00	1941.20	49384.00
10	Compaction of original ground by mechanical means including filling in depression occuring during rolling including cost of all labour, HOM complete as per specifications	Sqm	6.36	-	-	1941.20	12346.00	1941.20	12346.00
11	Providing and Constructing dry lean cement concrete mix CC 1:5:10 base with OPC 25mm and down size graded granite metal coarse aggregate at 0.86cum and fine aggregates @0.58cum over a prepared sub-base, coarse and fine aggregate conforming to IS: 383-2016,aggregate cement ratio not to exceed 15:1, Aggregate gradation after blending to be as per Table 600-1 ,optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a hatching plant, transported to site,laid with a paver, compacting with 8-10 tonnes vibratory roller, finishing and curing complete as per specifications. Clause 601of MORTH V Revision and IS 456 Table-5 -do- with OPC at 150 kg/cum and coarse aggregate 0.86cum, fine aggregate 0.58cum using Concrete Batch mix Plant at 75 cum/hr capacity with fixed form paver.	Cum	3944.51	-	-	194.12	765708.00	194.12	765708.00
12	Providing, laying, spreading and compacting stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density. Complete as per specifications	Cum	2001.28	-	-	194.12	388488.00	194.12	388488.00

Sl. No	Items of Work (grouped under sub headsthe sub works of the estimate)	Unit	Rate	Previous Measurement		Present Measurement		Total Up to date	
				Qty	Cost	Qty	Amount	Qty	Cost
13	Constructing un-reinforced, plain cement concrete for pavements using Grade concrete M30 over a prepared base with OPC coarse aggregate at 0.69 cum, fine aggregates at 0.46 cum,Coarse and fine aggregate conforming to18:383-2016, with Superplastizer at 3 Its conforming to IS 9103-2008. mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). & Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished with floaters in a continuous operation including provision of contraction, expansion, construction and longitudinal joints, including groove cutting charges, joint filler, separation membrane of impermiable plastic sheet of 125 micron, sealant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades,textured with texturing machine, and curing including cost of all materials, labour,hire charges of machineries,all lead & lift charges etc., complete as per specifications. -do- with OPC at 360 kg/cum and coarse aggregate 0.69cum. fine	Cum	5354.02	-	-	310.59	1662905.00	310.59	1662905.0
14	Providing and fixing pre cast solid cement concrete kerb stones made out of C.C. 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc., complete.	Nos	435.84	-	-	1591.00	693421.00	1591.00	693421.0
15	Painting two coats after filling the surface with synthetic enamel paint in approved shades on new plastered concrete surfaces, with materials, labour complete as per specifications	Sqm	84.80	-	-	250.60	21251.00	250.60	21251.0
16	Removal of unserviceable soil including excavation, loading and disposal but excluding replacement by suitable soil which shall be paid separately as per clause 300.5 complete as per specifications	Cum	34.98	-	-	728.21	25473.00	728.21	25473.0
17	Loading and Unloading of Stone Boulder / Stone aggregate / Sand Kanker / Moorum.KSRRB M100-1 : Placing tipper at loading point, loading with front end loader, dumping, turning for return trip, excluding time for haulage and return trip complete as per specifications.	Cum	57.00	-	-	646.40	36845.00	646.40	36845.0
18	Cost of haulage Excluding Loading and Unloading MORTH-100/Chapter 1 case-I surface road	Cum	71.68	-	-	1374.61	98532.00	1374.61	98532.0

Sl No	Items of Work (grouped under sub headsthe sub works of the estimate)	Unit	Rate	Previous Measurement		Present Measurement		Total Up to date	
				Qty	Cost	Qty	Amount	Qty	Cost
19	Filling in foundation with granite/trap broken metal 100mm and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with lead up to 50m and lift 1.5m complete as per specifications.			-	-				
	a) 40mm Jelly.	Cum	1901.00	-	-	1.11	2110.00	1.11	2110.00
	b) 20mm Jelly.	Cum	1901.00	-	-	1.11	2110.00	1.11	2110.00
	c) Coarse sand.	Cum	2651.00	-	-	0.83	2200.00	0.83	2200.00
	d) Fine Sand	Cum	2651.00	-	-	0.55	1458.00	0.55	1458.00
	e) 12.5mm chips	Cum	1901.00	-	-	0.83	1578.00	0.83	1578.00
20	Supplying, laying and jointing HDPE pipes of specified grade and conforming to IS 4984- 995 with latest amendments and conveyingto work site including loading and unloading at both destinations and rolling and lowering into trenches, laying true to line and jointing of pipes and specials, giving hydraulic test as per relevant ISS with all lead and lifts including encasing the pipe alround to a depth of not less than 15 cms. with soft gravel or selected earth available from the excavation, testing and commissioning. The rate is exclusive of required specials and fittings wherever necessary like saddle Tee, stub ends, flanged sets, bends, reducers etc. complete (Contractor will make his own arrangements for procuring water for testing) etc. for : HDPE Grade PE80-PN6.0, 630 mm dia. (Perforated Pipe for Rain Water Harvesting Pit)	Rmt	10822.32	-	-	16.20	175322.00	16.20	175322.00
21	Providing of Geonets for Rain Water Harvesting pit on top of the filter media as specified in drawings or as approved by Engineer Incharge.	Sqm	71.03	-	-	2.79	198.00	2.79	198.00
						Total Amount of Work	8420318.00		8420318.00
						Add GST 12%	1010438.00		1010438.00
						KRIDL Charges 4%	336813.00		336813.00
						Total Bill Amount	9767569.00		9767569.00

Certificate:

Certified that the contractor has work done satisfactorily.

Certified that the contractor has removed the debries from work site.

Certified that there is no departmental issues made by Contractor .

Assistant Engineer
Ward 12

Assistant Executive Engineer
Shettyhalli Sub Division